

## PATENT COOPERATION TREATY

PCT

## NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Assistant Commissioner for Patents  
 United States Patent and Trademark  
 Office  
 Box PCT  
 Washington, D.C.20231  
 ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

<b>Date of mailing (day/month/year)</b> 16 March 2000 (16.03.00)	
<b>International application No.</b> PCT/IL99/00381	<b>Applicant's or agent's file reference</b> 4962/WO/98+
<b>International filing date (day/month/year)</b> 12 July 1999 (12.07.99)	<b>Priority date (day/month/year)</b> 20 July 1998 (20.07.98)
<b>Applicant</b> ELSTEIN, Shimon et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:

11 February 2000 (11.02.00)

☐ in a notice effecting later election filed with the International Bureau on:2. The election ☒ was☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO  
 34, chemin des Colombettes  
 1211 Geneva 20, Switzerland

Authorized officer

Olivia RANAIVOJAONA

Facsimile No.: (41-22) 740.14.35

Telephone No.: (41-22) 338.83.38

## PATENT COOPERATION TREATY

PCT

NOTIFICATION CONCERNING  
AMENDMENTS OF THE CLAIMS(PCT Rule 62 and  
Administrative Instructions, Section 417)

From the INTERNATIONAL BUREAU

To:

Assistant Commissioner for Patents  
United States Patent and Trademark  
Office  
Box PCT  
Washington, D.C.20231  
ETATS-UNIS D'AMERIQUEDate of mailing (day/month/year)  
16 March 2000 (16.03.00)

in its capacity as International Preliminary Examining Authority

International application No.  
PCT/IL99/00381International filing date (day/month/year)  
12 July 1999 (12.07.99)

Applicant

OFIL LTD. et al

The International Bureau hereby informs the International Preliminary Examining Authority that no amendments under Article 19 have been received by the International Bureau (Administrative Instructions, Section 417).

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Facsimile No. (41-22) 740.14.35

Authorized officer

Olivia RANAIVOJAONA

Telephone No. (41-22) 338.83.38

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

15	
REC'D 19 SEP 2000	
WIFO	PCT

Applicant's or agent's file reference 4962/WO/98+	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/IL99/00381	International filing date (day/month/year) 12 JULY 1999	Priority date (day/month/year) 20 JULY 1998
International Patent Classification (IPC) or national classification and IPC IPC(7): F21V 9/04, 9/06; G02B 5/30; G01J 1/42 and US Cl.: 359/353, 359, 361; 250/372		
Applicant OFIL LTD.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.	
2. This REPORT consists of a total of <u>4</u> sheets. <input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority. (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). These annexes consist of a total of <u>0</u> sheets.	
3. This report contains indications relating to the following items: I <input checked="" type="checkbox"/> Basis of the report II <input type="checkbox"/> Priority III <input type="checkbox"/> Non-establishment of report with regard to novelty, inventive step or industrial applicability IV <input type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input type="checkbox"/> Certain defects in the international application VIII <input type="checkbox"/> Certain observations on the international application	

Date of submission of the demand 11 FEBRUARY 2000	Date of completion of this report 24 AUGUST 2000
Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230	Authorized officer CASANDRA SPYROU Telephone No. (703) 308-3171 <i>Gene P. Pust</i>

**I. Basis of the report****1. With regard to the elements of the international application:\***

- ☒ the international application as originally filed
- ☒ the description:  
pages 1-44 , as originally filed  
pages NONE , filed with the demand  
pages NONE , filed with the letter of \_\_\_\_\_
- ☒ the claims:  
pages 45-55 , as originally filed  
pages NONE , as amended (together with any statement) under Article 19  
pages NONE , filed with the demand  
pages NONE , filed with the letter of \_\_\_\_\_
- ☒ the drawings:  
pages 1-12 , as originally filed  
pages NONE , filed with the demand  
pages NONE , filed with the letter of \_\_\_\_\_
- ☒ the sequence listing part of the  
description: NONE , as originally filed  
pages NONE , filed with the demand  
pages NONE , filed with the letter of \_\_\_\_\_

**2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.**

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

**3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international**

- ☐ contained in the international application in printed form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

**4. ☒ The amendments have resulted in the cancellation of:**

- ☒ the description, pages NONE
- ☒ the claims, Nos. NONE
- ☒ the drawings, sheets/fig NONE

**5. ☒ This report has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\***

**\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).**

**\*\*Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.**

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/IL99/00381

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. statement**

Novelty (N)	Claims	NONE	YES
	Claims	1-52	NO
Inventive Step (IS)	Claims	NONE	YES
	Claims	1-52	NO
Industrial Applicability (IA)	Claims	1-52	YES
	Claims	NONE	NO

**2. citations and explanations (Rule 70.7)**

Claims 1-5 and 8 lack Novelty under PCT Article 33(2) as being anticipated by Hayashi et al (5,148,023). Throughout the specification and the figures, Hayashi et al discloses an apparatus and method for detecting uv emittance which meets the structural and method step limitations of the language set forth in the claims.

Claims 6, 7 and 9-52 lack an Inventive Step under PCT Article 33(3) as being obvious over Hayashi et al. Hayashi et al discloses an apparatus and a method of detecting uv emittance as set forth in the specification and the drawings of the reference. The above mentioned claims contain limitations which are not directly taught by Hayashi et al, but would otherwise be obvious to one having ordinary skill in the art.

Claims 1-52 meet the Industrial Applicability criteria as set out in PCT Article 33(4), because the present claimed invention is useful in the industry.

----- NEW CITATIONS -----

NONE

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/IL99/00381

**Supplemental Box**

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Boxes I - VIII

Sheet 10

**I. BASIS OF REPORT:**

5. (Some) amendments are considered to go beyond the disclosure as filed:

NONE

# PCT

## REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty

For receiving Office use only

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference  
(if desired) (12 characters maximum) 4962/WO/98+

<b>Box No. I TITLE OF INVENTION</b> SOLAR BLIND UV VIEWING APPARATUS AND CAMERA	
<b>Box No. II APPLICANT</b>	
Name and address:  OFIL LTD. Kiryat Weizman Science Park Nes Ziona 70400 Israel	<input type="checkbox"/> This person is also an inventor.  Telephone No.  Facsimile No.  Teleprinter No.
State (i.e. country) of nationality: IL	State (i.e. country) of residence: IL
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input checked="" type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box	
<b>Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)</b>	
ELSTEIN, Shimon 40 Hahita Street Mercaz Shapira 79411 Israel	This person is:  <input type="checkbox"/> applicant only <input checked="" type="checkbox"/> applicant and inventor <input type="checkbox"/> inventor only
State (i.e. country) of nationality: IL	State (i.e. country) of residence: IL
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input checked="" type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box	
<input checked="" type="checkbox"/> Further applicants and/or (further) inventors are indicated on a continuation sheet	
<b>Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE</b>	
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: <input checked="" type="checkbox"/> agent <input type="checkbox"/> common representative	
Name and address:  LUZZATTO, Kfir LUZZATTO & LUZZATTO P.O.Box 5352 Beer-Sheva 84 152 Israel	Telephone No. (972-7) 6497-871  Facsimile No. (972-7) 6497-125  Teleprinter No.
<input type="checkbox"/> Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.	

## Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

*If none of the following sub-boxes is used, this sheet is not to be included in the request*

Name and address:

LINDNER, Malka  
11 Hapartizanim Street  
Rehovot 76217  
Israel

This person is:

- ☐ applicant only  
☒ applicant and inventor  
☐ inventor only

State (i.e. country) of nationality: IL

State (i.e. country) of residence: IL

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address:

LINDNER, Pinhas  
11 Hapartizanim Street  
Rehovot 76217  
ISRAEL

This person is:

- ☐ applicant only  
☒ applicant and inventor  
☐ inventor only

State (i.e. country) of nationality: IL

State (i.e. country) of residence: IL

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address:

This person is:

- ☐ applicant only  
☐ applicant and inventor  
☐ inventor only

State (i.e. country) of nationality:

State (i.e. country) of residence:

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address:

This person is:

- ☐ applicant only  
☐ applicant and inventor  
☐ inventor only

State (i.e. country) of nationality: IL

State (i.e. country) of residence: IL

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

☐ Further applicants and/or (further) inventors are indicated on a continuation sheet



**Box No. V DESIGNATION OF STATES**

The following designations are hereby made under Rule 4.9(a) (mark the applicable check-boxes; at least one must be marked):

**Regional Patent**

- ☒ **AP** ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, SD Sudan, SL Sierra Leone, SZ Swaziland, UG Uganda, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT
- ☒ **EA** Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- ☒ **EP** European Patent: AT Austria, BE Belgium, CH and LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, and any other State which is a Contracting State of the European Patent Convention and of the PCT
- ☒ **OA** OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line) . . . . .

**National Patent (If other kind of protection or treatment desired, specify on dotted line):**

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> <b>AE</b> United Arab Emirates . . . . .                  | <input checked="" type="checkbox"/> <b>LS</b> Lesotho . . . . .                                   |
| <input checked="" type="checkbox"/> <b>AL</b> Albania . . . . .                               | <input checked="" type="checkbox"/> <b>LT</b> Lithuania . . . . .                                 |
| <input checked="" type="checkbox"/> <b>AM</b> Armenia . . . . .                               | <input checked="" type="checkbox"/> <b>LU</b> Luxembourg . . . . .                                |
| <input checked="" type="checkbox"/> <b>AT</b> Austria . . . . .                               | <input checked="" type="checkbox"/> <b>LV</b> Latvia . . . . .                                    |
| <input checked="" type="checkbox"/> <b>AU</b> Australia . . . . .                             | <input checked="" type="checkbox"/> <b>MD</b> Republic of Moldova . . . . .                       |
| <input checked="" type="checkbox"/> <b>AZ</b> Azerbaijan . . . . .                            | <input checked="" type="checkbox"/> <b>MG</b> Madagascar . . . . .                                |
| <input checked="" type="checkbox"/> <b>BA</b> Bosnia and Herzegovina . . . . .                | <input checked="" type="checkbox"/> <b>MK</b> The former Yugoslav Republic of Macedonia . . . . . |
| <input checked="" type="checkbox"/> <b>BB</b> Barbados . . . . .                              |   |
| <input checked="" type="checkbox"/> <b>BG</b> Bulgaria . . . . .                              | <input checked="" type="checkbox"/> <b>MN</b> Mongolia . . . . .                                  |
| <input checked="" type="checkbox"/> <b>BR</b> Brazil . . . . .                                | <input checked="" type="checkbox"/> <b>MW</b> Malawi . . . . .                                    |
| <input checked="" type="checkbox"/> <b>BY</b> Belarus . . . . .                               | <input checked="" type="checkbox"/> <b>MX</b> Mexico . . . . .                                    |
| <input checked="" type="checkbox"/> <b>CA</b> Canada . . . . .                                | <input checked="" type="checkbox"/> <b>NO</b> Norway . . . . .                                    |
| <input checked="" type="checkbox"/> <b>CH and LI</b> Switzerland and Liechtenstein . . . . .  | <input checked="" type="checkbox"/> <b>NZ</b> New Zealand . . . . .                               |
| <input checked="" type="checkbox"/> <b>CN</b> China . . . . .                                 | <input checked="" type="checkbox"/> <b>PL</b> Poland . . . . .                                    |
| <input checked="" type="checkbox"/> <b>CU</b> Cuba . . . . .                                  | <input checked="" type="checkbox"/> <b>PT</b> Portugal . . . . .                                  |
| <input checked="" type="checkbox"/> <b>CZ</b> Czech Republic . . . . .                        | <input checked="" type="checkbox"/> <b>RO</b> Romania . . . . .                                   |
| <input checked="" type="checkbox"/> <b>DE</b> Germany . . . . .                               | <input checked="" type="checkbox"/> <b>RU</b> Russian Federation . . . . .                        |
| <input checked="" type="checkbox"/> <b>DK</b> Denmark . . . . .                               | <input checked="" type="checkbox"/> <b>SD</b> Sudan . . . . .                                     |
| <input checked="" type="checkbox"/> <b>EE</b> Estonia . . . . .                               | <input checked="" type="checkbox"/> <b>SE</b> Sweden . . . . .                                    |
| <input checked="" type="checkbox"/> <b>ES</b> Spain . . . . .                                 | <input checked="" type="checkbox"/> <b>SG</b> Singapore . . . . .                                 |
| <input checked="" type="checkbox"/> <b>FI</b> Finland . . . . .                               | <input checked="" type="checkbox"/> <b>SI</b> Slovenia . . . . .                                  |
| <input checked="" type="checkbox"/> <b>GB</b> United Kingdom . . . . .                        | <input checked="" type="checkbox"/> <b>SK</b> Slovakia . . . . .                                  |
| <input checked="" type="checkbox"/> <b>GD</b> Grenada . . . . .                               | <input checked="" type="checkbox"/> <b>SL</b> Sierra Leone . . . . .                              |
| <input checked="" type="checkbox"/> <b>GE</b> Georgia . . . . .                               | <input checked="" type="checkbox"/> <b>TJ</b> Tajikistan . . . . .                                |
| <input checked="" type="checkbox"/> <b>GH</b> Ghana . . . . .                                 | <input checked="" type="checkbox"/> <b>TM</b> Turkmenistan . . . . .                              |
| <input checked="" type="checkbox"/> <b>GM</b> Gambia . . . . .                                | <input checked="" type="checkbox"/> <b>TR</b> Turkey . . . . .                                    |
| <input checked="" type="checkbox"/> <b>HR</b> Croatia . . . . .                               | <input checked="" type="checkbox"/> <b>TT</b> Trinidad and Tobago . . . . .                       |
| <input checked="" type="checkbox"/> <b>HU</b> Hungary . . . . .                               | <input checked="" type="checkbox"/> <b>UA</b> Ukraine . . . . .                                   |
| <input checked="" type="checkbox"/> <b>ID</b> Indonesia . . . . .                             | <input checked="" type="checkbox"/> <b>UG</b> Uganda . . . . .                                    |
| <input checked="" type="checkbox"/> <b>IL</b> Israel . . . . .                                | <input checked="" type="checkbox"/> <b>US</b> United States of America . . . . .                  |
| <input checked="" type="checkbox"/> <b>IN</b> India . . . . .                                 | <input checked="" type="checkbox"/> <b>UZ</b> Uzbekistan . . . . .                                |
| <input checked="" type="checkbox"/> <b>IS</b> Iceland . . . . .                               | <input checked="" type="checkbox"/> <b>VN</b> Viet Nam . . . . .                                  |
| <input checked="" type="checkbox"/> <b>JP</b> Japan . . . . .                                 | <input checked="" type="checkbox"/> <b>YU</b> Yugoslavia . . . . .                                |
| <input checked="" type="checkbox"/> <b>KE</b> Kenya . . . . .                                 | <input checked="" type="checkbox"/> <b>ZA</b> South Africa . . . . .                              |
| <input checked="" type="checkbox"/> <b>KG</b> Kyrgyzstan . . . . .                            | <input checked="" type="checkbox"/> <b>ZW</b> Zimbabwe . . . . .                                  |
| <input checked="" type="checkbox"/> <b>KP</b> Democratic People's Republic of Korea . . . . . |   |
| <input checked="" type="checkbox"/> <b>KR</b> Republic of Korea . . . . .                     |   |
| <input checked="" type="checkbox"/> <b>KZ</b> Kazakhstan . . . . .                            |   |
| <input checked="" type="checkbox"/> <b>LC</b> Saint Lucia . . . . .                           |   |
| <input checked="" type="checkbox"/> <b>LK</b> Sri Lanka . . . . .                             |   |
| <input checked="" type="checkbox"/> <b>LR</b> Liberia . . . . .                               |   |

Check-boxes reserved for designating States (for the purposes of a national patent) which have become party to the PCT after issuance of this sheet:

- ☐ . . . . .
- ☐ . . . . .
- ☐ . . . . .

**Precautionary Designation Statement:** In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation of a designation consists of the filing of a notice specifying that designation and the payment of the designation and confirmation fees. Confirmation must reach the receiving Office within the 15-month time limit.)

**Supplemental Box** *If the supplemental Box is not used, this sheet need not be included in the request.*

**Continuation of Box No. IV**

LUZZATTO, Edgar

LUZZATTO, Esther

HACKMEY, Michal

FUERST, Zadok

PYERNIK, Moshe

MANZUROLA, Emanuel

SERUYA, Yehuda

PRICE, Eyal

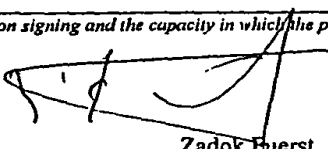
SHALEV, Ronit

HACKMEY, Miriam

P.O.Box 5352

Beer-Sheva 84 152

Israel

<b>Box No. VI PRIORITY CLAIM</b>		Further priority claims are indicated in the Supplemental Box <input type="checkbox"/>	
The priority of the following earlier application(s) is hereby claimed:			
Country (in which, of for which the application was filed)	Filing Date (day/month/year)	Application No.	Office of filing (only for regional or international application)
item(1) IL	20 July 1998 (20.07.98)	125412	
item(2)			
item(3)			
Mark the following check-box if the certified copy of the earlier application is to be issued by the Office which for the purposes of the present international application is the receiving Office (a fee may be required): <input checked="" type="checkbox"/> The receiving Office is hereby requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s): 1			
<b>Box No. VII INTERNATIONAL SEARCHING AUTHORITY</b>			
Choice of International Searching Authority (ISA) (If two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used): Earlier Search Fill in where a search (international, international-type or ther) by the International Searching Authority has already been carried out or requested and the Authority is now requested to base the international search, to the extent possible, on the results of that earlier search. Identify such search or request either by reference to the relevant application (or the translation thereof) or by reference to the search request: Country (or regional Office): _____ Date (day/month/year): _____ Number: _____		<b>ISA / US</b>	
<b>Box No. VIII CHECK LIST</b>			
This international application contains the following number of sheets: 1. request : 5 sheets 2. description : 44 sheets 3. claims : 11 sheets 4. abstract : 1 sheets 5. drawings: 12 sheets  Total : 73 sheets		This International application is accompanied 1. <input type="checkbox"/> separate signed power of attorney 2. <input type="checkbox"/> copy of general power of attorney 3. <input type="checkbox"/> statement explaining lack of signature 4. <input type="checkbox"/> priority document(s) identified in Box No. VI as item(s): 5. <input checked="" type="checkbox"/> fee calculation sheet 6. <input type="checkbox"/> separate indications concerning deposited microorganisms 7. <input type="checkbox"/> nucleotide and/or amino acid sequence listing (diskette) 8. <input type="checkbox"/> other (specify)	
Figure No. _____ of the drawings (if any) should accompany the abstract when it is published.			
<b>Box No. IX SIGNATURE OF APPLICANT OR AGENT</b>			
Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request)			
 Zadok Fuerst			

For receiving Office use only		2. Drawings:  <input type="checkbox"/> received:  <input type="checkbox"/> not received:
1. Date of actual receipt of the purported international application:		
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:		
4. Date of timely receipt of the required corrections under PCT Article 11(2):		
5. International Searching Authority specified by the applicant: <b>ISA/</b>	6. Transmittal of search copy delayed until search fee is paid <input type="checkbox"/>	

For International Bureau use only

Form PCT/RO/101 (last sheet) (January 1994)

Date of receipt of the record	
copy by the International Bureau:	

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IL99/00381

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) : F21V 9/04, 9/06; G02B 5/30; G01J1/142

US CL : 359/353; 359, 361; 250/372

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : -359/353, 359, 361; 250/372

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
EAST

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,148,023 (HAYASHI et al.) 15 September 1992 (15.09.92), see entire document	1-52

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	* T - later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
* A - document defining the general state of the art which is not considered to be of particular relevance	* X - document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
* E - earlier document published on or after the international filing date	* Y - document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
* L - document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	* & - document member of the same patent family
* O - document referring to an oral disclosure, use, exhibition or other means	
* P - document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

29 OCTOBER 1999

Date of mailing of the international search report

23 DEC 1999

Name and mailing address of the ISA/US  
Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer

JARED TREAS

Telephone No. (703) 308-3171

# PATENT COOPERATION TREATY

**PCT**

From the INTERNATIONAL BUREAU

## NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

To:

LUZZATTO, Kfir  
Luzzatto & Luzzatto  
P.O. Box 5352  
84152 Beer-Sheva  
ISRAËL

Date of mailing (day/month/year)  
03 February 2000 (03.02.00)

Applicant's or agent's file reference  
4962/WO/98+

### IMPORTANT NOTICE

International application No.  
PCT/IL99/00381

International filing date (day/month/year)  
12 July 1999 (12.07.99)

Priority date (day/month/year)  
20 July 1998 (20.07.98)

Applicant  
OFIL LTD. et al

1. Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this Notice:  
AU,CN,EP,IL,JP,KP,KR,US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present Notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

AE,AL,AM,AP,AT,AZ,BA,BB,BG,BR,BY,CA,CH,CU,CZ,DE,DK,EA,EE,ES,FI,GB,GD,GE,GH,GM,HR,  
HU,ID,IN,IS,KE,KG,KZ,LC,LK,LR,LS,LT,LU,LV,MD,MG,MK,MN,MW,MX,NO,NZ,OA,PL,PT,RO,RU,  
SD,SE,SG,SI,SK,SL,TJ,TM,TR,TT,UA,UG,UZ,VN,YU,ZA,ZW

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this Notice is a copy of the international application as published by the International Bureau on  
03 February 2000 (03.02.00) under No. WO 00/05536

### REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a demand for international preliminary examination must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

### REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the national phase, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and Volume II of the PCT Applicant's Guide.

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Authorized officer

J. Zahra

Facsimile No. (41-22) 740.14.35

Telephone No. (41-22) 338.83.38

Continuation of Form PCT/IB/308

NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF  
THE INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES

<b>Date of mailing (day/month/year)</b> 03 February 2000 (03.02.00)	<b>IMPORTANT NOTICE</b>
<b>Applicant's or agent's file reference</b> 4962/WO/98+	<b>International application No.</b> PCT/IL99/00381
<p>The applicant is hereby notified that, at the time of establishment of this Notice, the time limit under Rule 46.1 for making amendments under Article 19 has not yet expired and the International Bureau had received neither such amendments nor a declaration that the applicant does not wish to make amendments.</p>	

## DEMAND

under Article 31 of the Patent Cooperation Treaty:

The undersigned requests that the international application specified below be the subject of international preliminary examination according to the Patent Cooperation Treaty.

For International Preliminary Examining Authority use only		
Identification of IPEA		Date of receipt of DEMAND
<b>Box No. I IDENTIFICATION OF THE INTERNATIONAL APPLICATION</b>		Applicant's or agent's file reference 4962/WO/98+
International application No. PCT/IL99/00381	International filing date (day/month/year) 12 July 1999 (12.07.99)	(Earliest) Priority date (day/month/year) 20 July 1998 (20.07.98)
Title of invention SOLAR BLIND UV VIEWING APPARATUS AND CAMERA		
<b>Box No. II APPLICANT(S)</b>		
Name and address:  OFIL LTD. Kiryat Weizman Science Park Nes Ziona 70400 Israel		Telephone No.:
		Facsimile No.:
		Teleprinter No.:
State (i.e. country) of nationality: IL		State (i.e. country) of residence: IL
Name and address:  ELSTEIN, Shimon 40 Hahita Street Mercaz Shapira 79411 Israel		
State (i.e. country) of nationality: IL		State (i.e. country) of residence: IL
Name and address:  LINDNER, Malka 11 Hapartizanim Street Rehovot 76217 Israel		
State (i.e. country) of nationality: IL		State (i.e. country) of residence: IL
<input checked="" type="checkbox"/> Further applicants are indicated on a continuation sheet.		

## Continuation of Box No. II APPLICANT(S)

*If none of the following sub-boxes is used, this sheet is not to be included in the demand.*

Name and address:

LINDNER, Pinhas  
11 Hapartizanim Street  
Rehovot 76217  
Israel

State (i.e. country) of nationality: IL

State (i.e. country) of residence: IL

Name and address:

State (i.e. country) of nationality:

State (i.e. country) of residence:

Name and address:

State (i.e. country) of nationality:

State (i.e. country) of residence:

Name and address:

State (i.e. country) of nationality:

State (i.e. country) of residence:



Further applicants are indicated on another continuation sheet.



**Box No. III AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE**The following person is ☒ agent ☐ common representativeand ☒ has been appointed earlier and represents the applicant(s) also for international preliminary examination.☐ is hereby appointed and any earlier appointment of (an) agent(s)/common representative is hereby revoked.☐ is hereby appointed, specifically for the procedure before the International Preliminary Examining Authority, in addition to the agent(s)/common representative appointed earlier.

Name and address:

LUZZATTO, Kfir; LUZZATTO, Edgar; LUZZATTO, Esther; HACKMEY, Michal,  
 FUERST, Zadok; PYERNIK, Moshe; MANZUROLA, Emanuel;  
 SERUYA, Yehuda; PRICE, Eyal; SHALEV, Ronit; HACKMEY, Miriam  
 LUZZATTO & LUZZATTO  
 P.O.Box 5352  
 Beer-Sheva 84 152  
 Israel

Telephone No.:

(972-7) 6497-871

Facsimile No.:

(972-7) 6497-125

Teleprinter No.:

☐ Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

**Box No. IV STATEMENT CONCERNING AMENDMENTS**

The applicant wishes the International Preliminary Examining Authority\*

(i) ☒ to start the international preliminary examination on the basis of the international application as originally filed.(ii) ☐ to take into account the amendments under Article 34 of☐ the description (amendments attached).☐ the claims (amendments attached).☐ the drawings (amendments attached).(iii) ☐ to take into account any amendments of the claims under Article 19 filed with the International Bureau (a copy is attached).(iv) ☐ to disregard any amendments of the claims made under Article 19 and to consider them as reversed.(v) ☐ to postpone the start of the international preliminary examination until the expiration of 20 months from the priority date unless that Authority receives a copy of any amendments made under Article 19 or a notice from the applicant that he does not wish to make such amendments (Rule 69.1(d)).

\* Where no check-box is marked, international preliminary examination will start on the basis of the international application as originally filed or, where a copy of amendments to the claims under Article 19 and/or amendments to the international application under Article 34 are received by the International Preliminary Examining Authority before it has begun to draw up a written opinion or the international preliminary examination report, as so amended.

**Box No. V ELECTION OF STATES**

☒ The applicant hereby elects all eligible States except .....

.....

.....

.....

**Box No. VI CHECK LIST**

The demand is accompanied by the following documents for the purposes of international preliminary examination:

- |  |   |        |
|--|---|--------|
| 1. amendments under Article 34                     |   |        |
| description  | : | sheets |
| claims   | : | sheets |
| drawings   | : | sheets |
| 2. letter accompanying amendments under Article 34 | : | sheets |
| 3. copy of amendments under Article 19             | : | sheets |
| 4. copy of statement under Article 19              | : | sheets |
| 5. other ( <i>specify</i> ):                       | : | sheets |

For international Preliminary  
Examining Authority use only

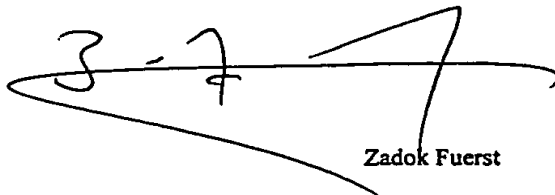
received

not received

☐☐☐☐☐☐☐☐☐☐☐☐☐☐

The demand is also accompanied by the item(s) marked below:

- |  |  |
|--|--|
| 1. <input checked="" type="checkbox"/> separate signed power of attorney | 4. <input checked="" type="checkbox"/> fee calculation sheet |
| 2. <input checked="" type="checkbox"/> copy of general power of attorney | 5. <input type="checkbox"/> other ( <i>specify</i> ):        |
| 3. <input type="checkbox"/> statement explaining lack of signature       |  |

**Box No. VII SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE**


Zadok Fuerst

**For International Preliminary Examining Authority use only**

1. Date of actual receipt of DEMAND:

2. Adjusted date of receipt of demand due to CORRECTIONS under Rule 60.1(b):

3. ☐ The date of receipt of the demand is AFTER the expiration of 19 months from the priority date and item 4 or 5, below, does not apply. ☐ The applicant has been informed accordingly.

4. ☐ The date of receipt of the demand is WITHIN the period of 19 months from the priority date as extended by virtue of Rule 80.5.

5. ☐ Although the date of receipt of the demand is after the expiration of 19 months from the priority date, the delay in arrival is EXCUSED pursuant to Rule 82.

**For International Bureau use only**

Demand received from IPEA on: